

Claims

1. A molded product of activated carbon obtained by steps comprising (1) molding a kneaded mixture containing an activated carbon, a solvent, and a phenol-aldehyde type resin being solid in a normal temperature and containing 50 to 95 % by weight of components soluble in the solvent, (2) drying and curing the molding, and then (3) carbonizing the molding in the inert gas atmosphere.
2. The molded product of activated carbon according to claim 1, wherein the amount of the phenol-aldehyde type resin is 10 to 80 % by weight relative to the total weight of the activated carbon and the phenol-aldehyde type resin and the amount of the solvent is 10 to 60 % by weight relative to the total weight of the activated carbon and phenol-aldehyde type resin.
3. The molded product of activated carbon according to claim 1, wherein the molded product of activated carbon is molded as a pellet, a spherical, or a honeycomb shape molding.
4. The molded product of activated carbon according to claim 1, wherein the solvent is alcohols, ethers, ketones, esters, aprotic solvent, or a mixture of water and at least one of these solvents.
5. The molded product of activated carbon according to claim 1, wherein the drying is carried out at 70 to 150°C.
6. The molded product of activated carbon according to claim 1, wherein the carbonization is carried out at 500 to 1500°C.
7. A method of producing an molded product of activated carbon comprising steps of (1) molding a kneaded mixture containing an activated carbon, a solvent, and a phenol-aldehyde type resin being solid in a normal

temperature and containing 50 to 95 % by weight of components soluble in the solvent, (2) drying and curing the molding, and then (3) carbonizing the molding in an inert gas atmosphere.

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